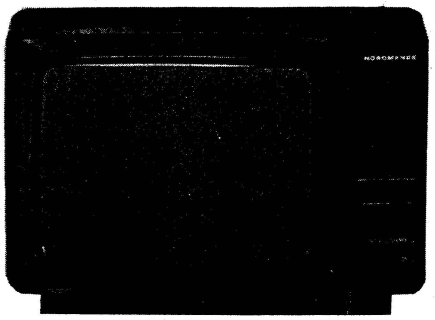
SERVICE-INFORMATION



FFS-Chassis F 20-9
mit/con/with IMC 4

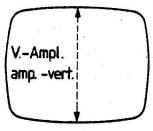
Service-Einstellungen · Regolazioni di servizio · Service adjustments · Réglages de service

❶ Chassis · Telaio · Chassis

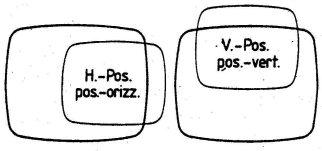
Hauptspannung, Tensione principale, Principal voltage, Tension principale } Usyst. 110 V

1. ◑ ☼ min.
2. PP 52 → 110 V ± 1 V
   105 V ± 1 V – 14″
   107 V ± 1 V – 16″ NN
   120 V ± 1 V – 21″

PF 11



PL 39 PF 04



LV 63; 5,5 MHz
Tonfalle · trapola tono · sound trap

1. Oscilloscop. → BE 01/pin 10
2. Schwarz-Weiß-Testbild (ohne Burst) segnale bianco-nero (senza burst) · black + white signal (without burst)
3. LV 63 → 5,5 MHz min.

PV 79 Spitzenweiß · bianco punte · peak white

1. Gittertestbild · segnale grata · grating testpattern
2. Oscilloscop. Pin 3 (11) Bildröhre · pin 3 (11) cinescopio · pin 3 (11) CRT

❶ Chassis · Telaio · Chassis

PAL

3. ☼ + ▥ → standard, ◑ → max.
4. PV 79 → 65 Vpp (ohne Austastimpulse · senza impulso · without blanking pulses)

U_{G2} Schirmgitterspannung · tensione griglia schermo · screen grid voltage

1. Grautreppe · scala grigio · grey scale
2. ◑ + ☼ → standard, ▥ → min.
3. U_{G2} → alle Grauwerte sichtbar · visione tutti toni grigi · all grey scale values visible

PC 44, PAL-Amplitude · Amplitude PAL · LC 43 PAL-Phase · Fase PAL

1. Oscilloscop. → (F1) R-Y
2. Oscilloscop.: 2 Zeilen triggern · trig. 2 linea · trigger to 2 lines
3. PC 44/LC 43 wechselweise · alternativo · alternating → min. jitter

NTSC

LV 28 NTSC (3,58 MHz) Farbträger-Falle · trapola colore (3,58 MHz) · color carrier trap (3.58 MHz)

1. NTSC Farbbalken Testbild · segnale barre colore NTSC · NTSC color bare signal
2. Osci. → RV 28/LV 28
3. LV 28 → min.

Secam

LV 29 Secam Farbträger-Falle (4,25 MHz) · trapola colore secam (4,25 MHz) · Secam color carrier trap (4.25 MHz)

1. Secam Testbild Weiß · segnale bianco · test picture white
2. Osci. → RV 28/LV 28
3. LV 29 → min.

LC 54 Ident. Secam

1. Secam Farbtestbild · segnale colore · color bare signal
2. Osci. → IV 01 Pin 23
3. LC 54 → max.

Secam

LC 13 B-Y/LC 17 R-Y Demodulator

1. Secam Farbtestbild · segnale colore · color bare signal
2. Osci. → IV 01 Pin 2
3. LC 17 → farbl. Balken auf Niveau von Austastlücke · barre senza colore sul livello del synchronisme · colorless bare to level of blanking interval
4. Osci. → IV 01/Pin 64
5. LC 13 → wie 3. · preciso 3. · like 3.

LC 23 Glockenfilter · filtro del campana · bell-filter

1. Secam Farbtestbild · segnale colore · color bare signal
2. Osci. → IV 01 Pin 18
3. LC 23 → Farbamplitude auf gleiches Niveau · ampl. colore livello uguale · color amplitudes to the same level

❺ Bildröhrenplatte · piastra cinescopio · CRT-board

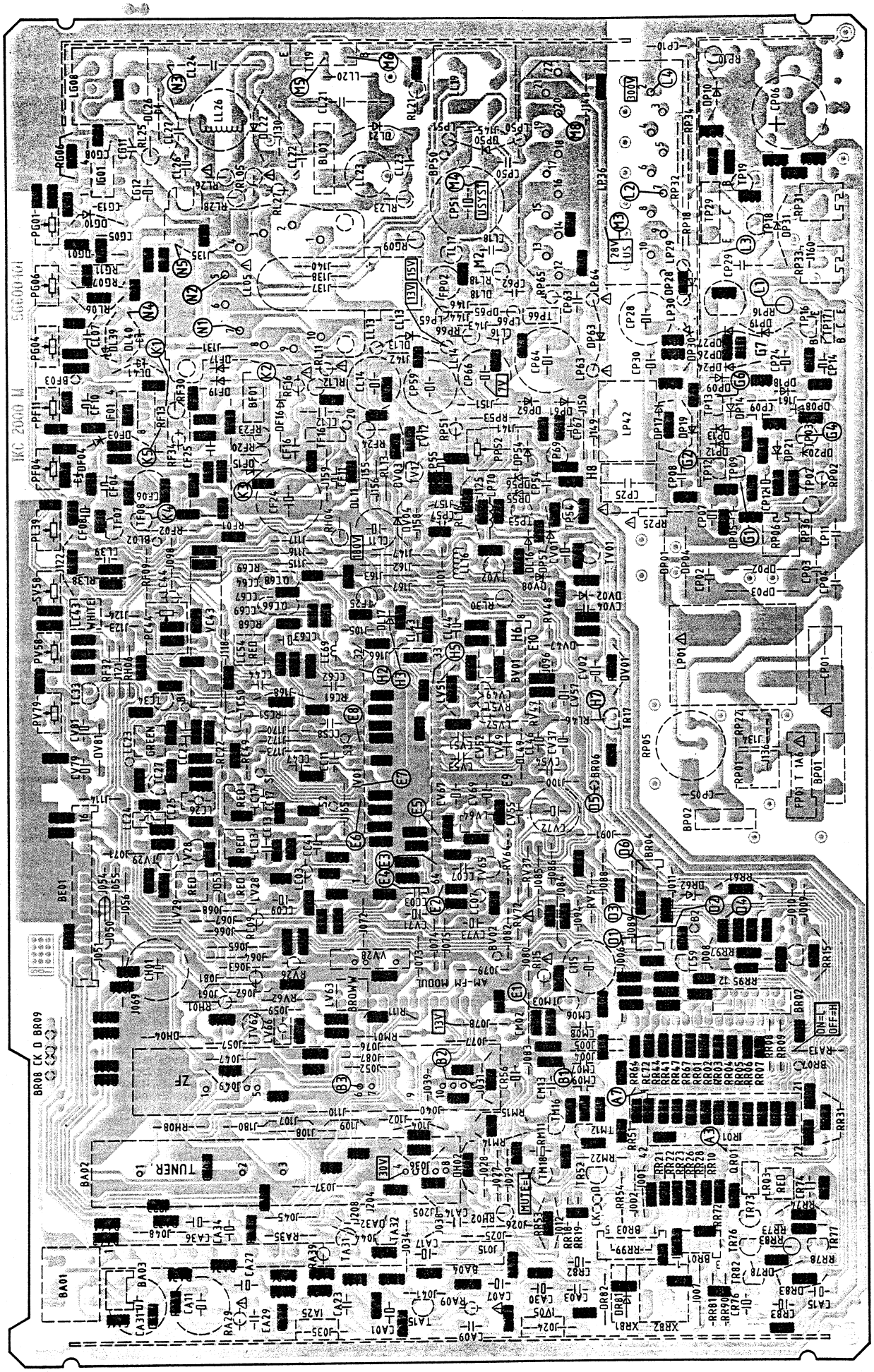
I. Weißabgleich · aggustiamento bianco · white adjustment

1. ◑ + ☼ → max.
2. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern
3. PT 11, PT 21 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade

II. Grauabgleich · aggustiamento grigio · grey adjustment

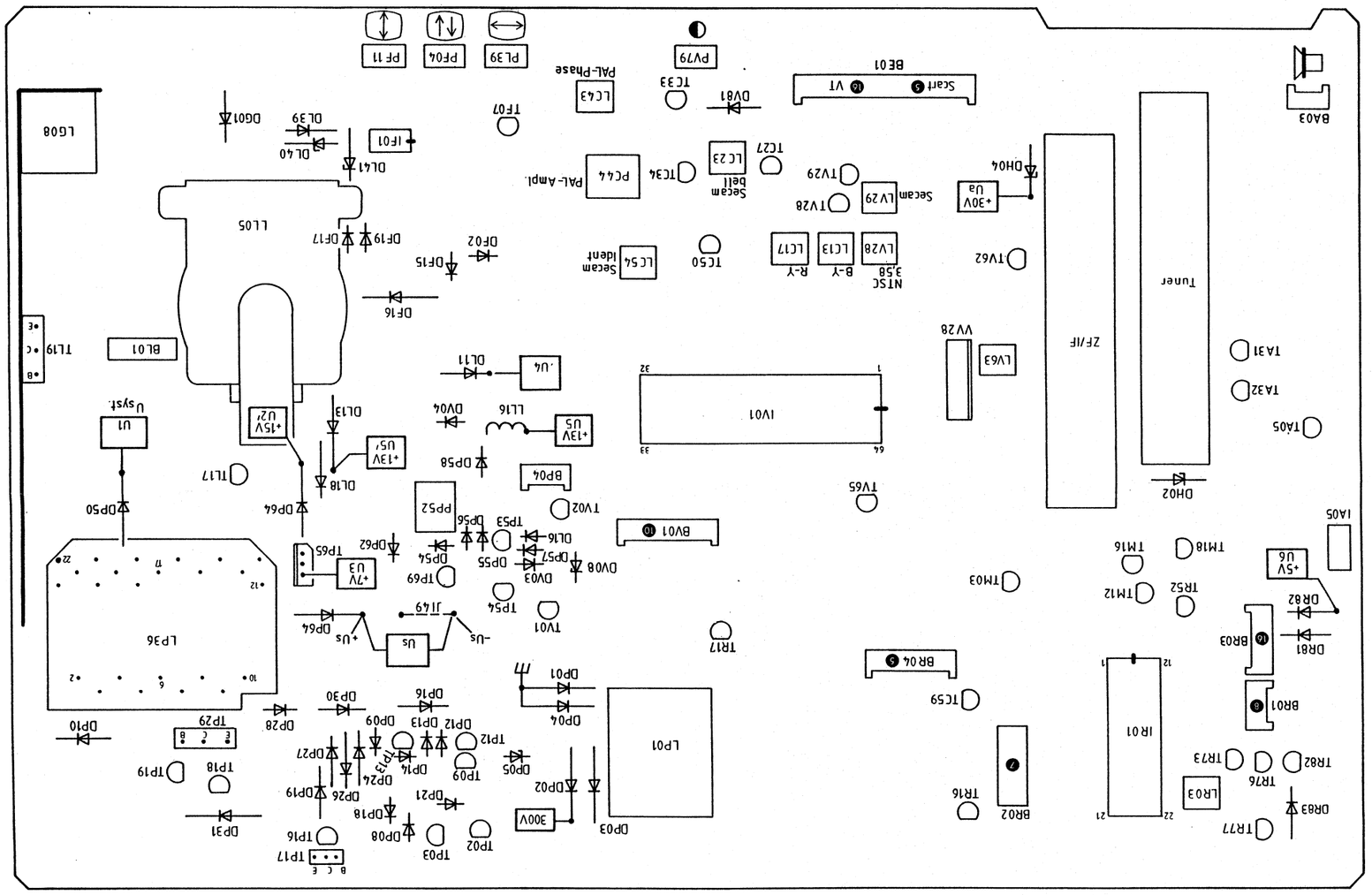
1. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern
2. ◑ + ☼ → Bild gerade noch sichtbar · quadro apena visibile · picture just visible
3. PT 12/PT 22 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade
4. Einstellung I bei Bedarf wiederholen · aggustiamento I se necessario ripertere · repeat adjustment I if necessary

NORDMENDE

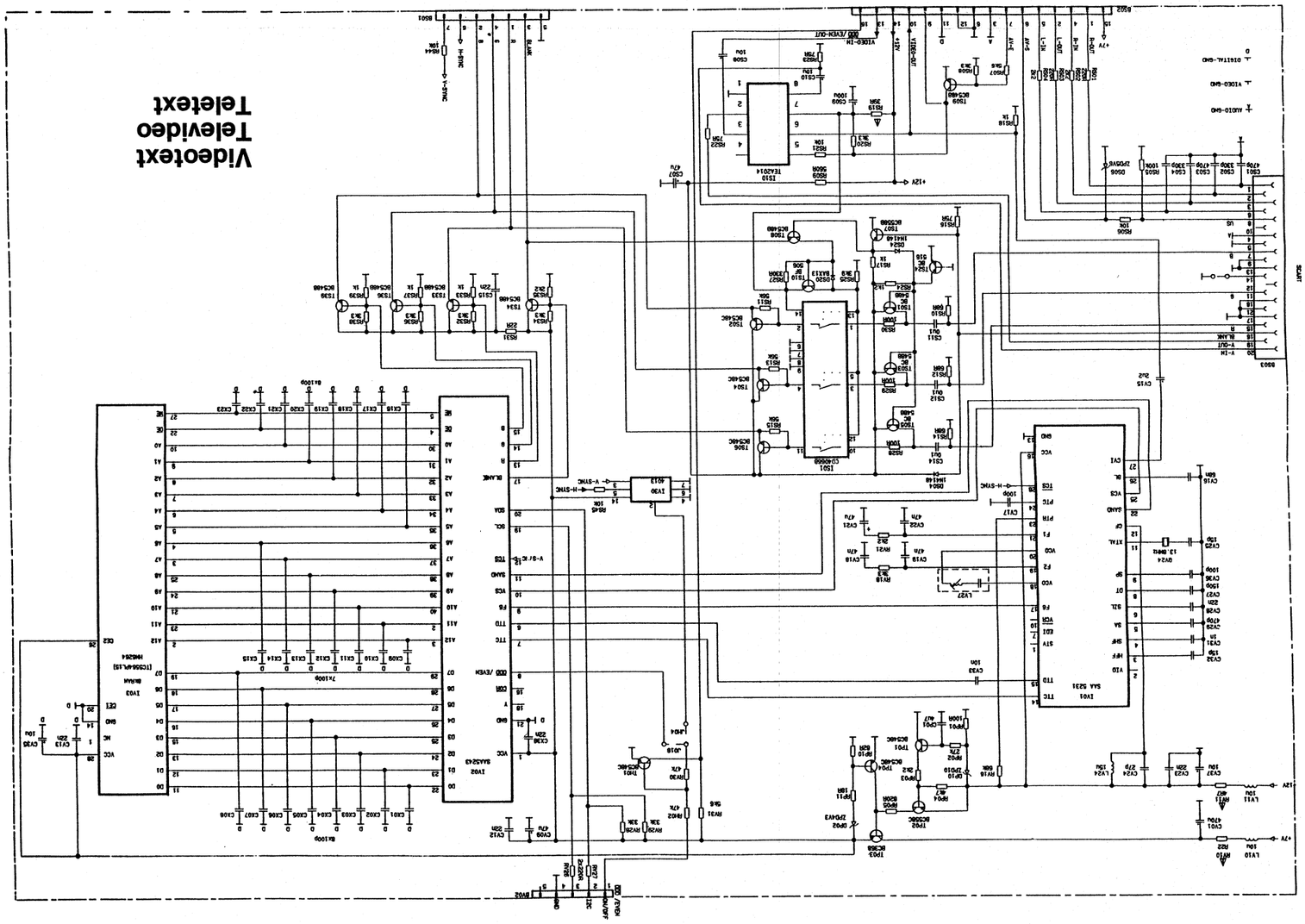


Grundplatte
Piastra di base
Basic P.C.B.
Lötseite – Lato saldature – Soldered side

Service-Lageplan · posizione regulatori di servizio · Layout diagram · Disposition des régleurs



Videotext
Televideo
Teletext



Änderungen vorbehalten · Subject to modifications · Modifications réservées · Con riserva di modifiche

T 12-8906

❶ Chassis
Telaio
Chassis
Chassis

❼ Tastenplatte
Piastra tasti
Key-board
Platine du commutation

Änderungen vorbehalten!
Con riserva di modifiche!
Subject to modification without notice!
Modifications réservées!
H3705E/KCD1590/290189

IMC 4

Änderungen vorbehalten!
Con riserva di modifiche!
Subject to modification without notice!
Modifications réservées!

10 Video-Amplifier

amplificatore video
(CRT 20025)

TA8659CN
IV01

TDA2030
TDA2006
IA05

TL 082
IF01

TT 11, TT 21, TT 31
BF 881, BF 883

Mute circuit
audio stop

Audio

Audio IN
BE04/2

Video IN
BE04/19

Europa-Normbuchse
Presa pentelevisione
European standard bush
Peri-television

*Utilizzazione futura allo studio

Entmagnet.
degaussing
bobina
smagnetiz-
zatrice

Mute ≙L
Audio stop ≙L

PAL
* PAL/SECAM
△ PAL/SECAM/NTSC

❶ Chassis
Telaio

❺ Scart-Interfaceplatte
Piastra scart interface
Scart interface board

❿ Bildröhren-Platte
Piastra cinescopio
CRT-board
Platine du tube image

Type/Tipo	Pal/Secam BG	Pal/Secam BG NTSC-Video	Pal/Secam BG D, K, K'	Pal BG
Galaxy 36 A Color 3614	990.508 A –	– –	990.508 E –	– 990.508 J

Achtung:
Bei Messungen im Primärnetzteil Primärnetzteilmasse verwenden.
Attenzione:
Misure nell alimentatore primario, usare massa alimentatore primario.
Attention:
During Measurement the primary power unit please use the primary power unit ground.
Attention:
Mesurage dans le bloc d'alimentation: Utiliser la masse du bloc d'alimentation.

△ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden

△ componente di sicurezza
in caso di sostituzione usare componento originale

△ Safety part
When repairing, use original parts only

△ Pièce de sécurité
N'utilisez que les pièces d'origines